

Product datasheet for **RC216131L3V**

SCF (KITLG) (NM_000899) Human Tagged ORF Clone Lentiviral Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | SCF (KITLG) (NM_000899) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | SCF |
| Synonyms: | DCUA; DFNA69; FPH2; FPHH; Kitl; KL-1; MGF; SCF; SF; SHEP7; SLF |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-Myc-DDK-P2A-Puro (PS100092) |
| Tag: | Myc-DDK |
| ACCN: | NM_000899 |
| ORF Size: | 819 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC216131). |
| OTI Disclaimer: | The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info |
| OTI Annotation: | This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene. |
| RefSeq: | NM_000899.3 |
| RefSeq Size: | 5435 bp |
| RefSeq ORF: | 822 bp |
| Locus ID: | 4254 |
| UniProt ID: | P21583 |
| Cytogenetics: | 12q21.32 |
| Domains: | SCF |
| Protein Families: | Druggable Genome, Transmembrane |



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Protein Pathways: Cytokine-cytokine receptor interaction, Hematopoietic cell lineage, Melanogenesis, Pathways in cancer

MW: 30.9 kDa

Gene Summary: This gene encodes the ligand of the tyrosine-kinase receptor encoded by the KIT locus. This ligand is a pleiotropic factor that acts in utero in germ cell and neural cell development, and hematopoiesis, all believed to reflect a role in cell migration. In adults, it functions pleiotropically, while mostly noted for its continued requirement in hematopoiesis. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]